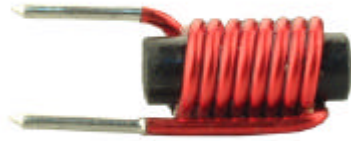


Power Inductors Unshielded-THT Rod 4 mm

POWER INDUCTORS

(PIS04 Series)

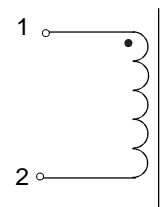
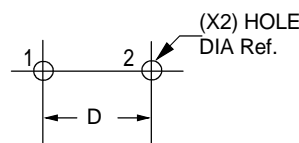
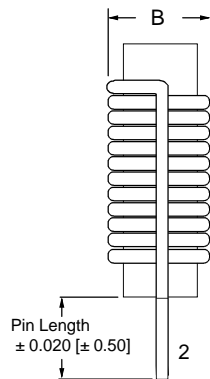
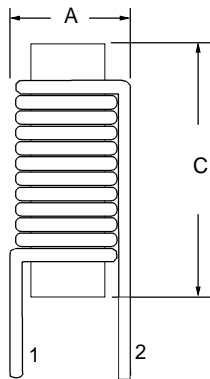


MAX. DIM :
L = 9.14 mm
W = 7.11 mm
H = 15.24 mm

- Ideal for filtering in switch mode power supplies and RF applications.
- Handle up to 15 Amps rms.
- Inductance from 0.50 μH to 10 μH .
- Economical design for easy PCB insertion.
- Custom inductance values are available.

MECHANICAL SPECIFICATIONS

Front View	Side View	PCB Layout (Top)	Schematic
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S16002 PIN LENGTH 0.250 [6.35]

S16004 PIN LENGTH TOL. ± 0.039 [1.00] **IINCHES [mm]**

ELECTRICAL SPECIFICATIONS

FALCO PART NUMBER	RoHS PART NUMBER	L(μH) ¹ $\pm 20\%$	DCR (Ω) max.	I _{rms} (amp) ² max.	A max. in / mm	B max. in / mm	C max. in / mm	D Ref. in / mm	Pin Length in / mm	Hole Dia. in / mm
	*S16004	0.50	0.0031	15.00	0.320 / 8.13	0.268 / 6.81	0.490 / 12.45	0.256 / 6.50	0.138 / 3.50	0.050 / 1.27
S16002	S16L02	1.00	0.0045	15.00	0.360 / 9.14	0.280 / 7.11	0.600 / 15.24	0.300 / 7.62	0.138 / 3.50	0.052 / 1.32



RoHS COMPLIANT PRODUCT

1. Inductance tested at 10 KHz, 0.25 V, *300KHz 1.0V.
 2. Temperature rise is 40°C Typ.
 3. OCL and DCR tested at Ta=25°C.

Power Inductors Unshielded-THT Rod 4 mm

Inductance vs Current

(PIS04 Series)

